

## INTERNATIONAL SEARCH REPORT

 ational Application No  
 PCT/US2005/006359

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G10L19/00 H04S3/02 H04S5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G10L H04S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/069954 A (KONINKLIJKE PHILIPS ELECTRONICS N.V; VAN DE PAR, STEVEN, L., J., D., E) 21 August 2003 (2003-08-21) page 2, line 25 - line 31 page 3, line 18 - line 20 page 3, line 31 - line 34 page 4, line 9 - line 12 page 6, line 15 - line 18 page 9, line 30 - line 33  ---  -/--	1-17, 58-62

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*A\* document member of the same patent family

Date of the actual completion of the international search

23 May 2005

Date of mailing of the international search report

06/06/2005

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Ramos Sánchez, U

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/006359

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 235 646 A (WILDE ET AL) 10 August 1993 (1993-08-10) column 2, line 59 - line 67 column 3, line 14 - line 20 column 4, line 53 - line 56 column 4, line 60 - column 5, line 11 column 5, line 25 - line 29 column 6, line 1 - line 13 column 9, line 22 - line 28	18-38, 58,59
X	WO 91/20164 A (AURIS CORP) 26 December 1991 (1991-12-26)  page 4, line 7 - page 5, line 14 page 6, line 13 - line 26	18, 39-56, 58,59,62
X	WO 03/090208 A (KONINKLIJKE PHILIPS ELECTRONICS N.V.; BREEBAART, DIRK, J; VAN DE PAR, S) 30 October 2003 (2003-10-30) claim 5 page 2, line 1 - line 7 page 19, line 25 - page 20, line 20	57
A	US 6 021 386 A (DAVIS ET AL) 1 February 2000 (2000-02-01) cited in the application column 21, line 24 - line 30 column 21, line 61 - column 22, line 37	1-62
A	"ATSC STANDARD: Digital Audio Compression (AC-3), Revision A, Doc A/52A" ATSC STANDARD, 20 August 2001 (2001-08-20), pages 1-140, XP002322551 cited in the application page 79 - page 85 page 92 - page 98 page 112 page 114 - page 115	1-62
A	SCHUIJERS E ET AL: "ADVANCES IN PARAMETRIC CODING FOR HIGH-QUALITY AUDIO" PREPRINTS OF PAPERS PRESENTED AT THE AES CONVENTION, 22 March 2003 (2003-03-22), pages 1-11, XP008021606 cited in the application page 6 - page 8	1-62

## INTERNATIONAL SEARCH REPORT

Information on patent family members

national Application No

PCT/US2005/006359

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03069954	A	21-08-2003	AU 2003201097 A1	04-09-2003
			EP 1479071 A2	24-11-2004
			WO 03069954 A2	21-08-2003
			US 2005078832 A1	14-04-2005
US 5235646	A	10-08-1993	AU 8222691 A	07-01-1992
			CA 2085480 A1	16-12-1991
			WO 9120167 A1	26-12-1991
WO 9120164	A	26-12-1991	AU 8053691 A	07-01-1992
			WO 9120164 A1	26-12-1991
WO 03090208	A	30-10-2003	AU 2003216682 A1	03-11-2003
			AU 2003216686 A1	03-11-2003
			AU 2003219426 A1	03-11-2003
			BR 0304540 A	20-07-2004
			BR 0304541 A	20-07-2004
			BR 0304542 A	20-07-2004
			EP 1500082 A1	26-01-2005
			EP 1500083 A1	26-01-2005
			EP 1500084 A1	26-01-2005
			WO 03090206 A1	30-10-2003
			WO 03090207 A1	30-10-2003
			WO 03090208 A1	30-10-2003
			AU 2003219428 A1	04-05-2004
			WO 2004036549 A1	29-04-2004
US 6021386	A	01-02-2000	US 5909664 A	01-06-1999
			US 5633981 A	27-05-1997
			US 5583962 A	10-12-1996
			US 5632005 A	20-05-1997
			AT 138238 T	15-06-1996
			AU 653582 B2	06-10-1994
			AU 1199792 A	17-08-1992
			CA 2077662 A1	09-07-1992
			DE 69210689 D1	20-06-1996
			DE 69210689 T2	21-11-1996
			DK 520068 T3	15-07-1996
			EP 0520068 A1	30-12-1992
			ES 2087522 T3	16-07-1996
			JP 5505298 T	05-08-1993
			JP 3449715 B2	22-09-2003
			JP 2003099099 A	04-04-2003
			KR 228688 B1	01-11-1999
			SG 49883 A1	15-06-1998
			WO 9212607 A1	23-07-1992
			US 5608805 A	04-03-1997
			US 5390256 A	14-02-1995
			AT 144364 T	15-11-1996
			AU 649786 B2	02-06-1994
			AU 1194292 A	17-08-1992
			CA 2077668 A1	09-07-1992
			DE 69214523 D1	21-11-1996
			DE 69214523 T2	27-03-1997
			DK 519055 T3	24-03-1997
			EP 0519055 A1	23-12-1992
			ES 2093250 T3	16-12-1996
			JP 3197012 B2	13-08-2001

AVAILABLE COPY

# INTERNATIONAL SEARCH REPORT

Information on patent family members

national Application No

PCT/US2005/006359

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6021386	A	JP 5505504 T	12-08-1993
		KR 228687 B1	01-11-1999
		SG 49884 A1	15-06-1998
		WO 9212608 A1	23-07-1992
		US 5400433 A	21-03-1995
		US 5274740 A	28-12-1993

BEST AVAILABLE COPY